

Daily Report

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Research

Today I added the hypercube bounding box of the purple class. The hypercube is rendered in the new coordinate system with more than 20000 sample points. All purple data spheres are buried inside the sample points. Figure 1, 2 and 3 show some results.

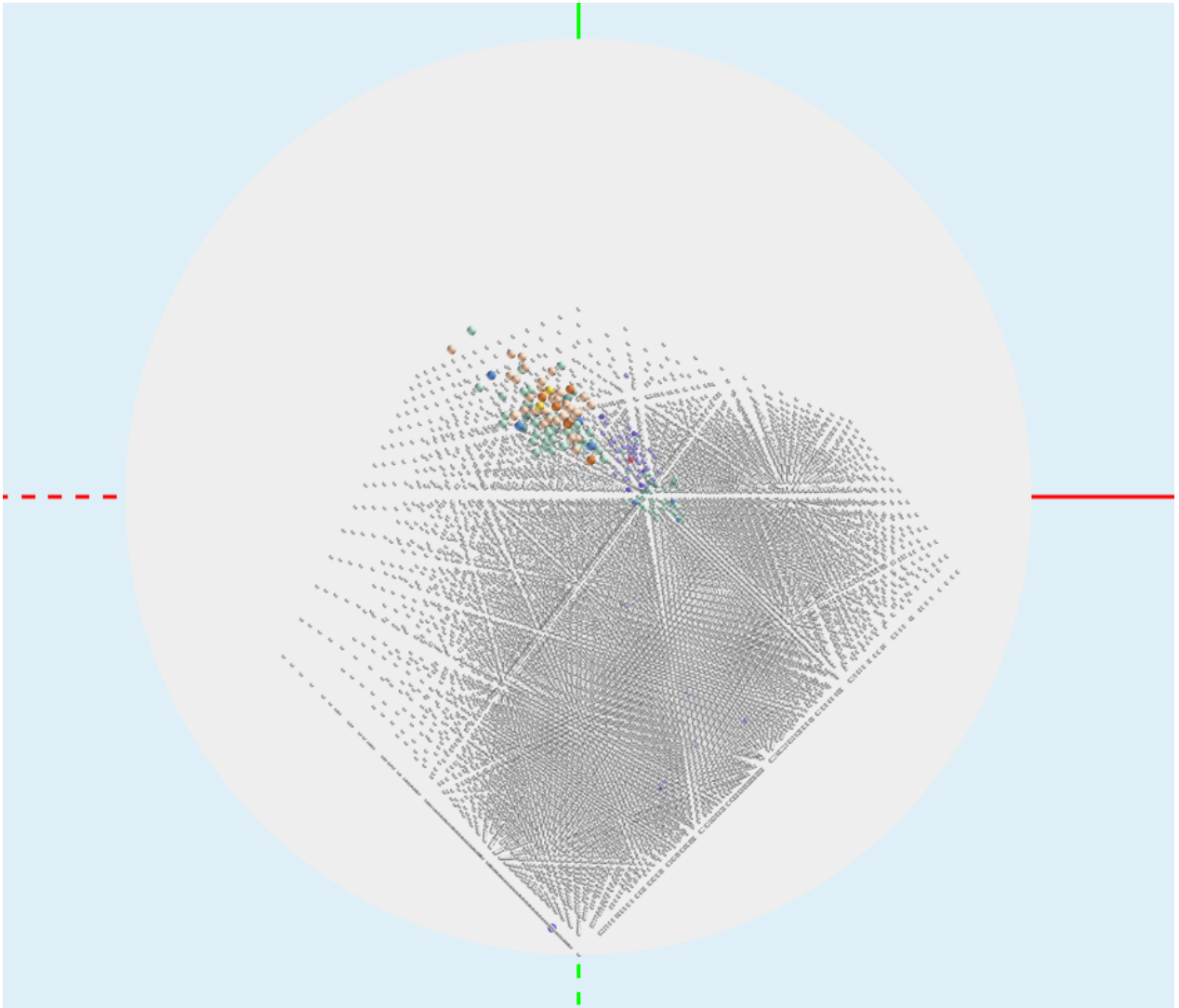


Figure 1: Bird's-eye view.

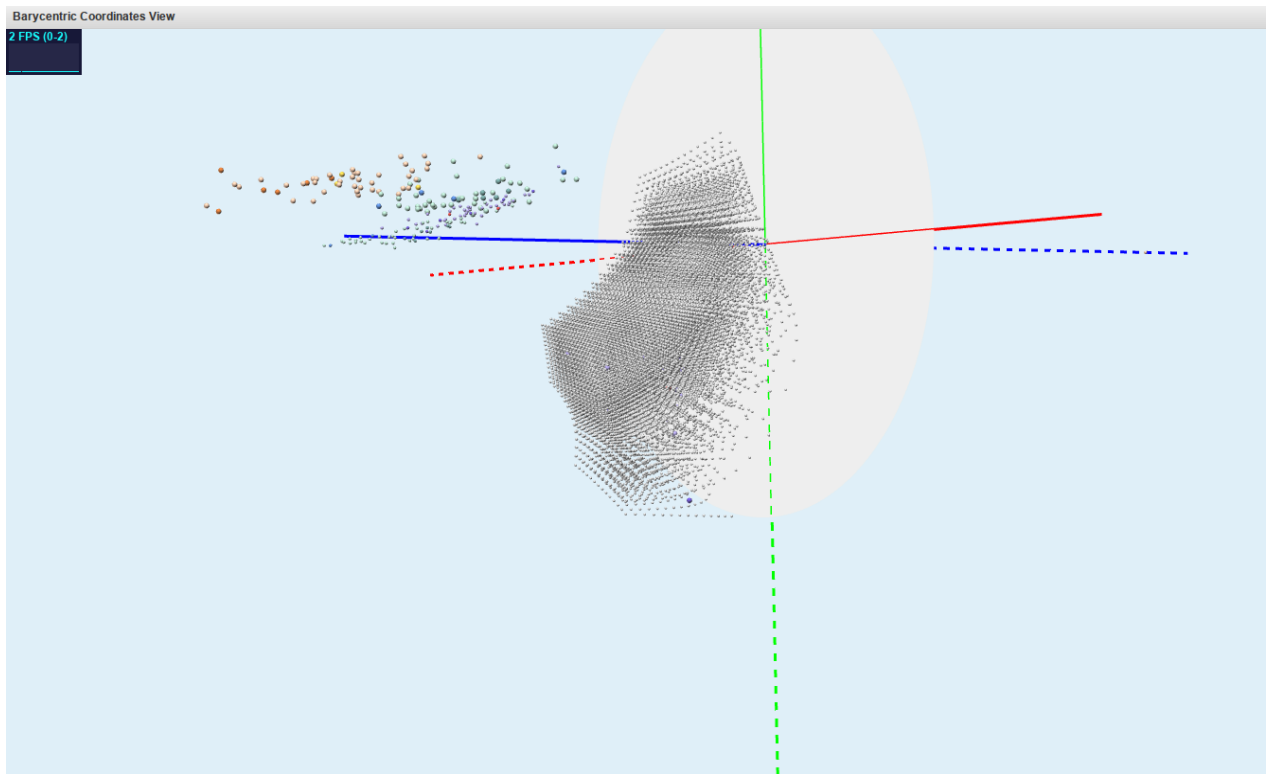


Figure 2: View from side.

Next Plans

Add more illustration to the current view, including highlighting vertices of the bounding box and reasonable interpretation of the shape.

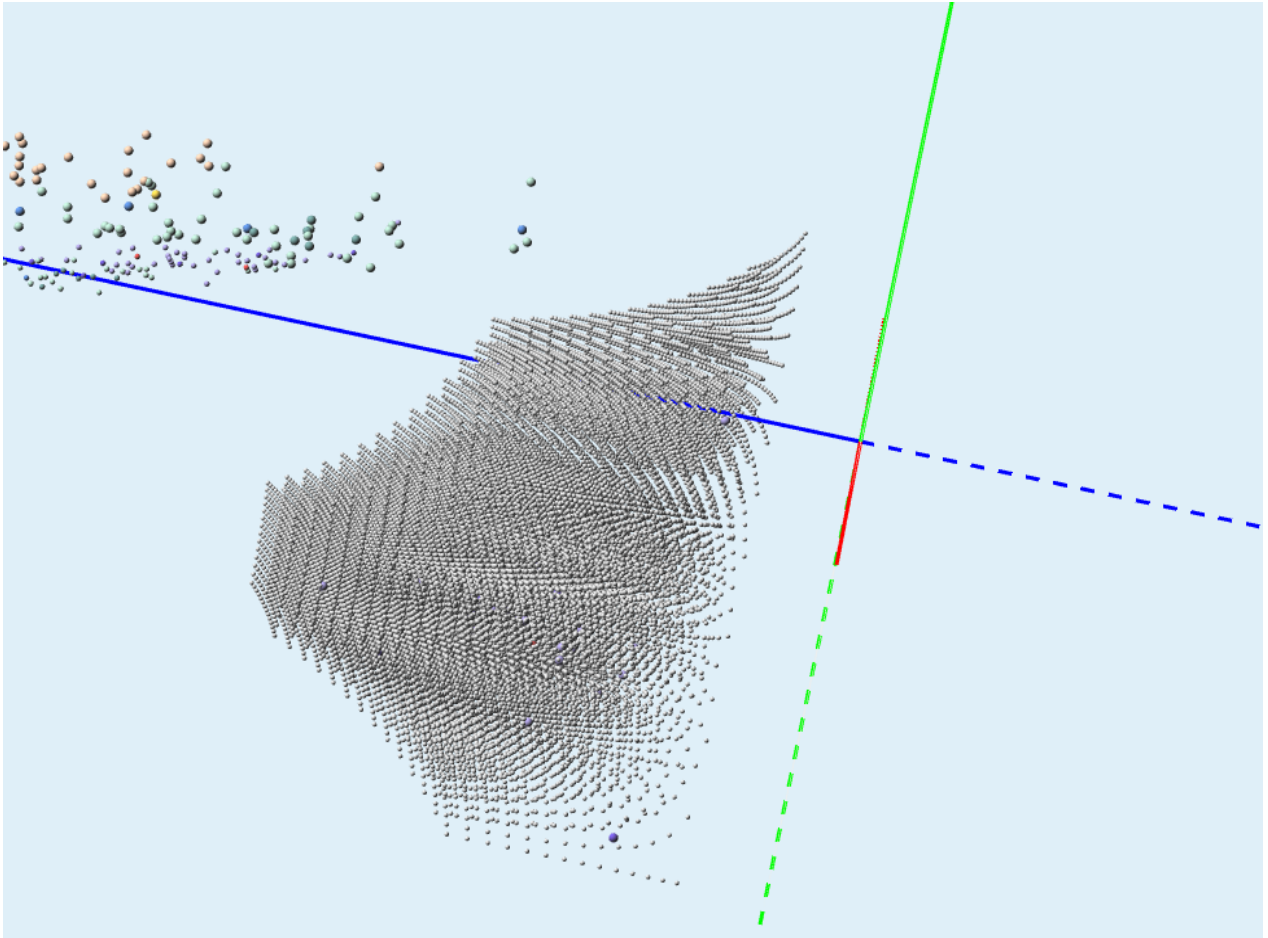


Figure 3: View parallel to the base plane. The bottom seems to be flat.